Indent No. 42315

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

Date.....20

No: Second and Part Bill

Division: **Byatarayanapura** Sub-Division: **Byatarayanapura Sub Division**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Work Code: 006-20-000195**

Schedule Docket No. Head of Account: P3158 Est.Cost- **2000.00 Lakhs**

Name of Work: **Package-3, Includes 5 Works Improvements to Roads and Drains at Thanisandra Dasarahalli Saraipalya and Bharathnagara and Surrounding Area in Ward No 06 Byatarayanapura Sub Division Package-3 (Old Annuxure-2) Go Sl No 109,110,111. Comprehensive Development and Improvements to Roads and Drains Rachenahalli and Surrounding Area in Ward No 6 and 7 Byatarayanapura Sub Division Package-2 (Old Annuxure) Go Sl No 112 and 113.**

Name of Contractor and Full Address: **M/s. Ram and Company, Prop.Sri C R Girish, No:12, Patel Pillegowda Layout, Ramachandrapura, Bangalore-560013**

Reference to Agreement No: **BBMP/EE/BTP/WO/02/2021-22** Date: 30-04-2021

Certified that the measurements were taken by me on 15.06.2022 and recorded of Pages 426875-882 of measurement Book No. 4269/2017-18 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on 15/6/2022 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Total	11, 11, 60000 00	
	6.04, 00,000 00	upto 1st part
	5, 07, 60,000 00	upto 2nd part

Sub-Division Officer

15/6/2022

II Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being .....percent Rs.....
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
      towards cash advance recovery of
   b) Payments Now made { cost store or other material supplied. / recovery of amount creditable to this/other work / Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied.

2nd & Part →

TTB	5,07,60,000 00
I.T	1815200 00
CGST	453215 00
SGST	453215 00
CESS	507600 00
CBF	50760 00
LR	495410 00
Fine	4600 00
Deduction	29,80,000 00
Net Payable	4,77,80,000 00

Total amount adjusted -

Contractor's Signature

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

Witness
1.
2.

Signature of Contractor

Dated

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

P3158

ಲೆಕ್ಕಶೀರ್ಷಿಕೆ SIP-Infrastructure Project Works ರಡಿ
ಕಿಲ್ಲು ಮೊಬಲಗು ರೂ 5076000/- ಮಾತ್ರ ಮಾಡಿದೆ
ಸಾರ್ವಜನಿಕ ರೂ 29,80,000/- ಮೊತ್ತವನ್ನು ಹಿಂಪಡೆಯಲಾಗಿದೆ
ಮತ್ತು ನಿವ್ವಳ ರೂ 4,77,80,000/- ರೂಪಾಯಿ

Stamp

6/7/22

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ABSTRACT

Item No	Description	unit	As per Shedule-B			Previous			Present			Total Upto Date		Re-
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	12850.70	170.00	2184619.00	5567.80	170.00	946526.00	631.68	170.00	107386.00	6199.48	1053912.00	
2	Removing and refixing stone slabs of drains and pointing in CM (1:3) and as per the directions of the Engineer-in-charge of the work	Sqm	8256.83	101.00	833939.83	4636.04	101.00	468240.00	684.18	101.00	69103.00	5320.22	537343.00	
3	Removing and resetting of footpath slab and as per the directions of the Engineer-in-charge of the work	Sqm	422.9	190.00	80351.00	0.00	190.00	0.00	0.00	190.00	0.00	0.00	0.00	
4	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc.. Complete. 7.5cms thick (P.No.27, I.No.5.31.1 of PW, P&IWTD SR 2018-19)	Sqm	1051.69	700.00	736183.00	818.24	700.00	572768.00 572765.00	120.29 120.28	700.00	84200.00 84196.00	938.52	656964.00 656965.00	
5	Plain cement concrete M10 mix with crushed stone aggregate 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing including cost of materials, labour, HOM complete as per specifications. and as per the directions of the Engineer-in-charge of the work	Cum	204.57	4250.00	869422.50	189.43	4250.00	805078.00 805059.00	7.58	4250.00	32215.00 32194.00	197.01 197.00	837193.00 837253.00	
6	Providing and constructing load bearing wall with having block density not less than 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials labour charegs, scaffolding, curing, hire charges of machineries etc., complete as per specifications. and as per the directions of the Engineer-in-charge of the work	Sqm	56.00	950.00	53200.00	0.00	950.00	0.00	0.00	950.00	0.00	0.00	0.00	
7	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar & stone hammerd dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, HOM, curing and as per the directions of the Engineer-in-charge of the work	Cum	19.44	4800.00	93312.00	0.00	4800.00	0.00	0.00	4800.00	0.00	0.00	0.00	
8	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, for coping. Including cost of all materials, labour, HOM, curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work	Cum	8.56	5250.00	44940.00	0.00	5250.00	0.00	0.00	5250.00	0.00	0.00	0.00	
9	Providing laying plain/ reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43cum machine mixed, well compacted for walls and bottom including centring, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per specification and as per the directions of the Engineer-in-charge of the work	Cum	652.86	6800.00	4439448.00	652.54	6800.00	4437294.00	26.26	6800.00	178568.00	678.80	4615840.00 4615862.00	
10	Providing and laying in position plain/Reinforced cement cement concrete M20 for sub structure/Superstructure works, and as per the directions of the Engineer-in-charge of the work Qty U pto 125%	Cum	65.52	5100.00	334152.00	0.00	5100.00	0.00	0.00	5100.00	0.00	0.00	0.00	
11	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever and as per the directions of the Engineer-in-charge of the work Qty U pto 125%	Tonne	37.89	68000.00	2576411.88	37.34	68000.00	2538970.00	2.52 2.51	68000.00	171049.00	39.85	2709800.00 2710019.00	

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Item No	Description	unit	As per Shedule-B			Previous			Present			Total Upto Date	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
12	Providing and laying 100mm thick pre-cast cover slabs over drains of width not exceeding 800 mm using M20 concrete reinforced with steel @ 6.00 kg/Sqm, slabs jointed in C M 1:3 proportion and nicely finished including providing holes in the Cover slabs wherever necessary for easy drainage of surface water including of labour, materials, HOM of machineries, curing, lead and lift charges etc, Complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	2372.00	1100.00	2609200.00	1950.00	1100.00	2145000.00	0.00	1100.00	0.00	1950.00	2145000.00
13	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and as per the directions of the Engineer-in-charge of the work	Sqm	1053.40	5250.00	5530350.00	150.24	5250.00	788760.00	60.60	5250.00	318150.00	210.84	1106910.00
14	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	30304.20	52.00	1575818.40	19887.88	52.00	1034170.00	10094.10	52.00	524893.00 524894.00	29981.98	1559063.00 1559064.00
15	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and as per the directions of the Engineer-in-charge of the work Qty Upto 125%	Cum	20168.40	1697.00	34225774.80	14774.41	1697.00	25072174.00	6388.44	1697.00	10841183.00 10841181.00	21162.85	35913357.00 35913355.00
16	Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. and as per the directions of the Engineer-in-charge of the work	Sqm	80673.40	27.00	2178181.80	8554.38	27.00	230969.00	14200.45	27.00	383413.00	22754.83	614382.00
17	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. and as per the directions of the Engineer-in-charge of the work	Sqm	67522.40	4.81	324782.74	8554.38	4.81	41147.00	14200.45	4.81	68305.00	22754.83	109452.00
18	Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.and as per the directions of the Engineer-in-charge of the work	Sqm	187282.00	11.00	2060102.00	8554.38	11.00	94099.00	34050.78	11.00	374558.00 374559.00	42605.15	468657.00 468658.00
19	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	2077.91	6200.00	12883042.00	427.72	6200.00	2651864.00 2651857.00	710.02	6200.00	4402124.00 4402141.00	1137.74	7053998.00
20	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications, and as per the directions of the Engineer-in-charge of the work	Cum	5828.95	10300.00	60038185.00	342.18	10300.00	3524403.00 3524454.00	1362.03	10300.00	14028909.00 14028921.00	1704.21	17553363.00 17553324.00

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Item No	Description	unit	As per Shedule-B			Previous			Present			Total Upto Date	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
21	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications, and as per the directions of the Engineer-in-charge of the work	Sqm	6058.50	455.00	2756617.50	239.06	455.00	108772.00 108773.00	1211.28	455.00	551133.00	1450.34	659906.00 659905/=
22	Construction of dry lean cement concrete mix CC1:5:10 with OPC cement @160Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum Sub- base over a prepared sub-grade with (coarse and fine aggregate conforming to IS: 383) aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. . and as per the directions of the Engineer-in-charge of the work	Cum	3085.91	2900.00	8949139.00	1079.29	2900.00	3129941.00 3129948.00	1213.99	2900.00	3520571.00	2293.28	6650512/= 6650519.00
23	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum, over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications, and as per the directions of the Engineer-in-charge of the work	Cum	2920.51	4950.00	14456524.50	1079.29	4950.00	5342486.00 5342498.00	1213.99	4950.00	6009250.00	2293.28	11351736/= 11351748.00
24	Earth work in excavation for foundation of structures as per drawing and technical specifications, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material complete as per specifications I. Ordinary soil - A . Manual Means and as per the directions of the Engineer-in-charge of the work	Cum	1232.50	270.00	332775.00	0.00	270.00	0.00	0.00	270.00	0.00	0.00	0.00
25	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift, complete as per specifications. and as per the directions of the Engineer-in-charge of the work	Cum	221.85	2550.00	565717.50	0.00	2550.00	0.00	0.00	2550.00	0.00	0.00	0.00
26	Plain / Reinforced Cement Concrete M15 with OPC cement @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum in Open Foundation complete as per Drawing and Technical Specifications and as per the directions of the Engineer-in-charge of the work	Cum	121.80	5400.00	657720.00	0.00	5400.00	0.00	0.00	5400.00	0.00	0.00	0.00

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Item No	Description	unit	As per Shedule-B			Previous			Present			Total Upto Date		
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
27	provinding and laying Plain / Reinforced Cement Concrete design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum and fine aggregates @ 0.47cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008. open foundation complete as per drawing and technical specification including cost of all materials, labour, HOM curing, formworks, scafoling and centring complete as per specification and as per the directions of the Engineer-in-charge of the work	Cum	126.87	5050.00	640716.23	0.00	5050.00	0.00	0.00	5050.00	0.00	0.00	0.00	
28	Providing and laying Design mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.7cum and fine aggregates @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 - i) Upto 5m height and as per the directions of the Engineer-in-charge of the work	Cum	466.90	5383.00	2513322.70	0.00	5383.00	0.00	0.00	5383.00	0.00	0.00	0.00	
29	Supplying, fitting and placingTMT bar Fe 500 reinforcement in sub-structure complete as per drawing & technical specification complete as per the specification and as per the directions of the Engineer-in-charge of the work	Tonne	71.25	68000.00	4845000.00	0.00	68000.00	0.00	0.00	68000.00	0.00	0.00	0.00	
E1	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 (For Grading -V Material) (PWD SR 21-22 Vol III Pg no 19 Item No 4.1 A (v))					0	0	0	1405.30	2607.52	3664345.00	1405.30	3664345.00	
	Sub Total				169388949.00			53932652.00			45329363.00		99262015.00	
	GST @12%				20326484			6471919.00			5439524.00		11911442.00	
	TOTAL AMOUNT				189715433.00			60404571.00			50768887.00		111173457.00	

Sub total	53932840.00	45328885.00	99261725.00
GST 12%	6471940.80	5439466.00	11911407.00
total	60404780.80	50768351.20	111173132.00
Round off	60400000.00	50760000.00	111160000.00

Certificate

1 The Work executed by the contractor is found satisfactory
2 The contractor has removed the debris from the work spot
3 Thereare no departmental issues for this work

Contractor

Asst Engineer 15-06-2022

Asst Executive Engineer 15/6/2022

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore-560024

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